

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000987

## A. CLASSIFICATION OF SUBJECT MATTER

G01N33/548 G01N33/66

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/058737 A (AVENTIS PASTEUR; RYALL, ROBERT, P) 1 August 2002 (2002-08-01) claims 2,4,12	1-13,17, 18
A	EP 0 462 794 A (OXFORD GYCLOSYSTEMS) 27 December 1991 (1991-12-27) page 6 - page 9 ----- -/--	1-13,17, 18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date, or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

30 August 2005

Date of mailing of the international search report

21. 12. 2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JANTZEN E, BRYN K, BOVRE K: "Cellular monosaccharide patterns of Neisseriaceae" ACTA PATHOLOGICA ET MICROBIOLOGICA SCANDINAVICA. SECTION B, MICROBIOLOGY., vol. 84, no. 4, 1976, pages 177-188, XP009050548 DENMARK abstract the whole document page 181, column 2 - page 187, column 1; table 1 -----	1-13,17, 18
A	BHATTACHARJEE A K ET AL: "STRUCTURAL DETERMINATION OF THE POLY SACCHARIDE ANTIGENS OF NEISSERIA-MENINGITIDIS SEROGROUP Y SEROGROUP W-135 AND SEROGROUP B0" January 1976 (1976-01), CANADIAN JOURNAL OF BIOCHEMISTRY, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA,, CA, PAGE(S) 1-8 , XP009040472 ISSN: 0008-4018 the whole document -----	1-13,17, 18
P,A	WO 2004/103400 A (AVENTIS PASTEUR, INC; RYALL, ROBERT, P) 2 December 2004 (2004-12-02) examples 2,3 -----	1-13,17, 18
A	WO 03/007985 A (CHIRON S.P.A; COSTANTINO, PAOLO; CHIRON SRL) 30 January 2003 (2003-01-30) claims 1,12,13,30-32 -----	1-13,17, 18
A	BARDOTTI A A ET AL: "Quantitative determination of saccharide in Haemophilus influenzae type b glycoconjugate vaccines, alone and in combination with DPT, by use of high-performance anion-exchange chromatography with pulsed amperometric detection." VACCINE. 3 APR 2000, vol. 18, no. 19, 3 April 2000 (2000-04-03), pages 1982-1993, XP004202493 ISSN: 0264-410X the whole document abstract ----- -/--	1-13,17, 18

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BRYN K; FROHOLM L O; HOLTEN E; BOVRE K: "GAS CHROMATOGRAPHIC SCREENING OF CAPSULAR POLY SACCHARIDES OF NEISSERIA-MENINGITIDIS" NIPH (NATIONAL INSTITUTE OF PUBLIC HEALTH) ANNALS (OSLO), vol. 6, no. 1, 1983, pages 91-101, XP001207126 abstract</p> <p>-----</p>	<p>1-13,17, 18</p>

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2005/000987

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-13, 17, 18

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13,17,18

A process for analysing the saccharide content of a composition of Neisseria meningitis serogroups, a method for releasing a vaccine for use by a physician, a computer apparatus adapted to perform the process, a computer program for analysing the the saccharide content of the composition.

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2. claims: 14-16

Two batches of a vaccine.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/000987

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02058737	A	01-08-2002	BR 0206672 A	10-05-2005
			CA 2435681 A1	01-08-2002
			CN 1610560 A	27-04-2005
			EP 1355673 A2	29-10-2003
			HR 20030598 A2	30-06-2005
			HU 0302999 A2	29-12-2003
			JP 2005504718 T	17-02-2005
			LT 2003071 A	25-08-2004
			LV 13128 B	20-07-2004
			NO 20033816 A	11-09-2003
			SI 21352 A	30-06-2004
			ZA 200306176 A	13-01-2005
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EP 0462794	A	27-12-1991	DE 69130136 D1	15-10-1998
			DE 69130136 T2	11-03-1999
			JP 6087906 A	29-03-1994
-----				
WO 2004103400	A	02-12-2004	NONE	
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WO 03007985	A	30-01-2003	BR 0210590 A	09-11-2004
			CA 2450203 A1	30-01-2003
			CN 1518456 A	04-08-2004
			EP 1401489 A2	31-03-2004
			JP 2004536859 T	09-12-2004
			NZ 529881 A	19-12-2003
			US 2005106181 A1	19-05-2005
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